

## Message Text

CONFIDENTIAL

PAGE 01 PARIS 25345 112305Z  
ACTION EB-08

INFO OCT-01 EUR-12 ISO-00 DODE-00 NSAE-00 ICA-11  
TRSE-00 SOE-02 DOE-15 CIAE-00 COME-00 /049 W  
-----061209 130008Z /15

R 111817Z AUG 78  
FM AMEMBASSY PARIS  
TO SECSTATE WASHDC 6080

C O N F I D E N T I A L PARIS 25345

USOECD

EXCON

E.O. 11652: XGDS1  
TAGS: ESTC, COCOM, US, RO, PL  
SUBJ:US MONOCRYSTALLINE GALLIUM MATERIALS TO POLAND AND  
ROMANIA

REFS: A) COCOM DOC. (78) 235-BTR 252811 (A-490U),  
B) COCOM DOC. (78) 303-BTR 233620 (A-4899).

1. WITH LIFTING OF UK RESERVE, REFERENCED CASES APPROVED  
AUGUST 10.

2. IN LIFTING RESERVE, UKDEL NOTED THAT HIS AUTHORITIES  
MADE THE FOLLOWING COMMENTS:

"A. THE PARAMETERS OF THE MATERIALS SHOULD IN FUTURE  
CASES BE GIVEN IN THE SAME FORM IN WHICH THEY APPEAR IN  
THE EMBARGO LIST, E.G., CARRIER CONCENTRATION SHOULD  
BE IN THE FORM OF NX10 (TO THE SIXTEENTH POWER) PER  
CUBIC CENTIMETER AND NOT 4E16.

B. WE ASSUME THAT THE BASIC MONOCRYSTALLINE MATERIAL  
WAS PRODUCED ON CZOCHRALSKI CRYSTAL GROWTH MACHINE.  
THIS WAS THE REAL QUESTION PUT TO THE US AND WHILST ITS  
REPLY WAS ENLIGHTENING THIS POINT WAS NOT CLARIFIED.

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C. PARA 3 OF THE U.S. ANSWERS IMPLIES THAT THE U.S.  
CONSIDERS THIS MATERIAL TO BE MICROWAVE MATERIAL. DOES  
THE U.S. INDEED USE GAASP IN THESE APPLICATION AND IF  
SO HOW?

3. RE. POINT IN 2B, USDEL NOTED THAT THE UK AUTHORITIES

HAS NOT IN FACT ASKED ABOUT THE CZOCHRALSKI MACHINE  
BUT THAT THE U.S. REPLY DID REFER TO CZOCHRALSKI.

4. ACTION REQUESTED: RESPONSES TO UK COMMENTS AND  
QUESTIONS.  
KATZ

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NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 jan 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** NEGOTIATIONS, EXPORT LICENSES, STRATEGIC TRADE CONTROLS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 11 aug 1978  
**Decaption Date:** 01 jan 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 20 Mar 2014  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1978PARIS25345  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** X1  
**Errors:** N/A  
**Expiration:**  
**Film Number:** D780330-1161  
**Format:** TEL  
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**Litigation History:**  
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**Message ID:** 12cff264-c288-dd11-92da-001cc4696bcc  
**Office:** ACTION EB  
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**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
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**Page Count:** 2  
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**Previous Handling Restrictions:** n/a  
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**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
**Review Content Flags:**  
**Review Date:** 19 may 2005  
**Review Event:**  
**Review Exemptions:** n/a  
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**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 1767887  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** US MONOCRYSTALLINE GALLIUM MATERIALS TO POLAND AND ROMANIA  
**TAGS:** ESTC, US, RO, PL, COCOM  
**To:** STATE  
**Type:** TE  
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**Review Markings:**  
Sheryl P. Walter  
Declassified/Released  
US Department of State  
EO Systematic Review  
20 Mar 2014  
**Markings:** Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014